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(54) NAIL REINFORCING AGENT

(57) Abstract:

PURPOSE: To prepare a nail reinforcing agent giving tough coating film to reinforce the soft nail, and useful for the mending and prevention of cracks of flaky peeling of the nail, by mixing and dispersing short fibers of rayon, nylon, cotton, wool, etc. in a lacquer base.

CONSTITUTION: The nail reinforcing agent is obtained by dispersing fibers of rayon, nylon, polyester, cotton, wool, flax, silk, etc. of 0.5W15 denier in thickness and 0.5W3.0mm in length, homogeneously, in a colorless, white, or colored lacquer base. The nail reinforcing

agent can be applied and dried in the same manner as conventional nail enamel, and cured to obtain a tough film dispersed with the short fibers. The combined effect of the fiber and the resin gives the coating film with extremely high toughness, and enables the reinforcement of the soft nail and the mending and prevention of the cracks and flaky peeling of the nail. Especially, the agent is effective to the crack of the nail by the bridging effect of the fibers at the crack. The amount of the fibers is 0.1W3% based on the whole composition.

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